



- CONSTRUCTION DETAILS**
- INSTALL 14 IN. X 32 FT. STEEL STRAIN POLE WITH 20 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE AND 3 IN. WEATHERHEAD (INSTALL 1-2 IN. AND 1-4 IN., SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS IN POLE BASE).
 - INSTALL 14 IN. X 32 FT. STEEL STRAIN POLE WITH SIGNS, 20 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE AND 3 IN. WEATHERHEAD. (INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS IN POLE BASE).
 - INSTALL 14 IN. X 32 FT. STEEL STRAIN POLE WITH 20 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE, PEDESTRIAN SIGNALS, PUSHBUTTON AND R10-4(1) SIGN AND 3 IN. WEATHERHEAD. (INSTALL 1-4 IN., SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND IN POLE BASE).
 - INSTALL 14 IN. X 32 FT. STEEL STRAIN POLE WITH SIGNS, 20 FT. STREET LIGHTING ARM WITH A 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE, 3 IN. WEATHERHEAD AND PEDESTRIAN SIGNAL. (INSTALL 1-4 IN., SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND IN POLE BASE).
 - INSTALL 10 FT. BREAKAWAY PEDESTRIAL POLE WITH PEDESTRIAN SIGNAL HEAD AND PUSHBUTTON AND R10-4(1) SIGN (INSTALL 1-2 IN., SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND IN POLE BASE).
 - INSTALL $\frac{3}{8}$ IN. STEEL SPAN WIRE, TRAFFIC SIGNAL HEADS, SIGN(S) AND $\frac{1}{4}$ IN. SIGNS TO $\frac{1}{4}$ IN. TETHER WIRE. (NOTE: BOTTOM TETHER FIVE-SECTION SIGNAL HEADS AND R10-12).
 - INSTALL NEMA SIZE "G" BASE MOUNTED CABINET AND CONTROLLER AND CONTROL AND DISTRIBUTION EQUIPMENT. (INSTALL 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BENDS IN CABINET BASE).
 - INSTALL HANDHOLE.
 - INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
 - INSTALL 1 IN. GALVANIZED ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
 - INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
 - INSTALL 4 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
 - ABANDON EXISTING LOOP DETECTOR.
 - ABANDON EXISTING CONDUIT.
 - REMOVE, SALVAGE AND DELIVER BASE MOUNTED CABINET AND CONTROLLER TO MDSHA. REMOVE FOUNDATION 12 IN. BELOW GRADE. DISCONNECT AND PULL BACK INTERCONNECT CABLE FROM EXISTING CONTROLLER TO HANDHOLE ON MD 212 AT STA. ± 273+50; 32' RT. AND COIL IN HANDHOLE.
 - REMOVE EXISTING STEEL POLE, MAST ARM(S), SIGNAL HEADS AND SIGN(S). REMOVE FOUNDATION 12 IN. BELOW GRADE.
 - REMOVE EXISTING PEDESTRIAL POLE AND PEDESTRIAN SIGNAL. REMOVE FOUNDATION 12 IN. BELOW GRADE.
 - REMOVE EXISTING HANDHOLE.
 - INSTALL 3 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
 - INSTALL $\frac{3}{8}$ IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED) FOR PROPOSED ELECTRICAL SERVICE. CAP AND MARK CONDUIT AT UTILITY POLE FOR USE BY OTHERS.
 - INSTALL 2 IN. SCHEDULE 80, RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (BORED).

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

A
E
T
G
S
W
TV

AERIAL CABLE
ELECTRICAL
TELEPHONE
GAS
SEWER
WATER
CABLE TV

VM&A

Whitman, Requardt
and Associates, LLP
2315 Saint Paul Street
Baltimore, Maryland 21218
(410) 235-3450

REVISIONS		APPROVALS	
D	RECONSTRUCT SIGNAL DUE TO GEOMETRIC IMPROVEMENTS STAGE II	8/99	ASST. TRAFFIC ENGINEERING DESIGN DIVISION
NML	200	Box 700	ASST. DISTRICT ENGINEER, TRAFFIC
C	SPLIT PHASE FOR CHERRY HILL RD	3/89	CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
DJD	RECUT LOOPS DUE TO INSTALL. RZ RIGHT TURN SHA. NO. BW-229-802-312	5/89	DIRECTOR, TRAFFIC & SAFETY
RZ	ADD E/P LT PHASE FOR EB CHERRY HILL RD	3/89	
A	ORIGINAL ON FILE		

DRAWN BY: W.RICHARDSON	F.A.P. NO. _____	TS NO. _____
CHECKED BY: S.RENZI	S.H.A. NO. P-736-501-376	TS-1923D
SCALE: 1" = 20'	COUNTY: PRINCE GEORGES	T.I.M.S. NO. _____
DATE: 1/1984	LOG MILE: _____	SHEET NO. _____

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN

MD 212 (POWDER MILL RD) & CHERRY HILL RD